



Technical Features



Casing:
Black forge
(standard)



Panels:
Anodized
aluminium
(standard)



Panels:
Stainless
Steel
(optional)



Other colors
on request



Range
Up to 4,2 m



Heating types
E : electrical 3 stages
P : water
A : unheated



Casing
Galvanised Steel [*]



Airflow / Length
1875 - 6650 m3/h
1 m to 2,5 m



Heating capacity
E : 2,5 - 30,5 kW
P : 8,83 - 33,64 kW



Grille type
**Micro-perforated
with prefilter function**



Fans
Centrifugal
5-speed



Control
**Plug&Play manual regulator
+ IR remote control**



Outlet lamellas
Aluminium, airfoil type
Adjustable 0-15° each side

[*] Customizable dimensions on request

Decorative, minimalist and elegant, ZEN air curtain is it the favorite for architects and designers to include in their projects. Its smart design and high performance is perfect to blend with any building's internal or external aesthetics. Apart from seamlessly integrating into any space, ZEN can become an active part of the decor and ambience of the premises offering more features than a standard air curtain.

ZEN air curtain offers infinite possibilities of customization. Central casing made of galvanized steel finished in black forge as standard. Front anodized aluminium panels, optionally manufactured in brushed or mirror polished stainless steel. Other materials are possible, such as wood, metal, etc. Other colours are available on request. Special finishes with other materials such as aged metal, wood, glass, PVC / PES, logos, signage, graphics, lights, clocks, vinyl or slogans.

This air curtain model works with double-inlet centrifugal fans driven by an external rotor motor with low noise level. EC models assembled with very low consumption efficiency fans.

Includes Plug&Play control with 7 m RJ45 cable, infrared remote control and magnetic door contact. For electrical heated models also includes thermostat.

CSA certified.

UNHEATED 208V-1ph~60Hz

Model	Airflow	Ventilation power	Ventilation current	Noise level	Weight
	m3/h	208V-1ph~60Hz kW	208V-1ph~60Hz A	(5 m) dB(A)	
ZEN G 1000 A	2325	0,332	1,61	56	36
ZEN G 1500 A	3100	0,442	2,14	57	50
ZEN G 2000 A	4650	0,663	3,21	58	69
ZEN G 2500 A	5425	0,774	3,75	59	83
ZEN ECG 1000 A	2700	0,319	2,79	60	36
ZEN ECG 1500 A	3600	0,425	3,72	61	50
ECG 2000 A	5400	0,638	5,58	62	69
ECG 2500 A	6300	0,744	6,51	63	83



UNHEATED 240V-1ph~60Hz

Model	Airflow	Ventilation power 240V-1ph~60Hz	Ventilation current 240V-1ph~60Hz	Noise level (5 m)	Weight
	m3/h	kW	A	dB(A)	
ZEN G 1000 A	2475	0,395	1,65	57	36
ZEN G 1500 A	3300	0,526	2,20	58	50
ZEN G 2000 A	4950	0,789	3,30	59	69
ZEN G 2500 A	5775	0,921	3,85	60	83
ZEN ECG 1000 A	2850	0,381	2,94	61	36
ZEN ECG 1500 A	3800	0,508	3,92	62	50
ZEN ECG 2000 A	5700	0,762	5,88	63	69
ZEN ECG 2500 A	6650	0,889	6,86	64	83

ELECTRIC HEATED 208V-1ph~60Hz

Model	Airflow m3/h	Electrical heating capacity (*) 208V-3ph~60Hz	Electrical heating capacity (*) 460V-3ph~60Hz	Electrical heating capacity (*) 480V-3ph~60Hz	Electrical heating capacity (*) 575V-3ph~60Hz	Ventilation power 208V-1ph~60Hz	Ventilation current 208V-1ph~60Hz	Noise level (5 m)	Weight kg
		kW	kW	kW	kW	kW	A	dB(A)	
ZEN G 1000 E	2250	2,5/5/7,5	2,5/5/7,5	3/5,5/8,5	3,5/4/7,5	0,332	1,61	56	43
ZEN G 1500 E	3000	3,5/6,5/10	3,5/7/10,5	4/7.5/11,5	5/5,5/10,5	0,442	2,14	57	62
ZEN G 2000 E	4500	5/9/14	5/10,5/15,5	5,5/11/16,5	6,5/8/14,5	0,663	3,21	58	85
ZEN G 2500 E	5250	5,5/9/14,5	6/12/18	6,5/13,19,5	8/9,5/17,5	0,774	3,75	59	103
ZEN ECG 1000 E	2700	4/8/12	4/8/12	4,3/8,7/13	4/8/12	0,319	2,79	60	43
ZEN ECG 1500 E	3600	6/9,5/15,5	5,5/10,5/16	5,8/11,7/17,5	5,5/11/16,5	0,425	3,72	61	62
ZEN ECG 2000 E	5400	5/9/14	8/16,5/24,5	8,8/17,7/26,5	8/16/24	0,638	5,58	62	85
ZEN ECG 2500 E	6300	5,5/9/14,5	9,5/18,5/28	10,2/20,3/30,5	9,5/19/28,5	0,744	6,51	63	103

(*) Under request other electrical heating power can be limited.

For 208V~3ph~60Hz air Curtains there is only needed to connect three-phase power supply.

For the rest of air curtains, there is needed to connect both three-phase (for electrical heating) and single phase (for fans).

ELECTRIC HEATED 240V-1ph~60Hz

Model	Airflow m3/h	Electrical heating capacity (*) 208V-3ph~60Hz	Electrical heating capacity (*) 460V-3ph~60Hz	Electrical heating capacity (*) 480V-3ph~60Hz	Electrical heating capacity (*) 575V-3ph~60Hz	Ventilation power 240V-1ph~60Hz	Ventilation current 240V-1ph~60Hz	Noise level (5 m)	Weight kg
		kW	kW	kW	kW	kW	A	dB(A)	
ZEN G 1000 E	2400	4/8/12	4/8/12	4,3/8,7/13	4/8/12	0,395	1,65	57	43
ZEN G 1500 E	3200	6/9,5/15,5	5,3/10,7/16	5,8/11,7/17,5	5,5/11/16,5	0,526	2,20	58	62
ZEN G 2000 E	4800	5/9/14	8,2/16,3/24,5	8,8/17,7/26,5	8/16/24	0,789	3,30	59	85
ZEN G 2500 E	5600	5,5/9/14,5	9,3/18,7/28	10,2/20,3/30,5	9,5/19/28,5	0,921	3,85	60	103
ZEN ECG 1000 E	2775	4/8/12	4/8/12	4,3/8,7/13	4/8/12	0,381	2,94	61	43
ZEN ECG 1500 E	3700	6/9,5/15,5	5,3/10,7/16	5,8/11,7/17,5	5,5/11/16,5	0,508	3,92	62	62
ZEN ECG 2000 E	5550	5/9/14	8,2/16,3/24,5	8,8/17,7/26,5	8/16/24	0,762	5,88	63	85
ZEN ECG 2500 E	6475	5,5/9/14,5	9,3/18,7/28	10,2/20,3/30,5	9,5/19/28,5	0,889	6,86	64	103

(*) Under request other electrical heating power can be limited.



WATER HEATED 208V-1ph~60Hz

Model	Airflow m3/h	P86 (80/60°C)		P64 (60/40°C)		P54 (50/40°C)		Ventilation power (*) kW	Ventilation current (*) A	Noise level (5 m) dB(A)	Weight kg
		Water heating capacity kW	Water pressure drop Pa	Water heating capacity kW	Water pressure drop Pa	Water heating capacity kW	Water pressure drop Pa				
		ZEN G 1000 P	1875	9,89	1010	8,83	5040				
ZEN G 1500 P	2500	14,3	770	13,08	6490	13,7	4510	0,562	2,37	57	57
ZEN G 2000 P	3750	22,29	2210	18,86	5530	19,4	2410	0,844	3,57	58	78
ZEN G 2500 P	4375	27,84	4040	22,48	4100	24,07	4330	0,985	4,16	59	95
ZEN ECG 1000 P	2550	11,89	1400	10,73	7110	10,95	2090	0,320	2,86	60	40
ZEN ECG 1500 P	3400	17,29	1070	15,97	9240	17,02	6630	0,427	3,81	61	57
ZEN ECG 2000 P	5100	26,87	3080	22,99	7850	24,05	3530	0,640	5,72	62	78
ZEN ECG 2500 P	5950	33,64	5650	27,48	5840	29,9	6370	0,747	6,67	63	95

Water heated: connection pipes P86 and P64 are 2x3/4" female (male if lateral pipes), P54 2x1" male.

P86 2 rows coil, P64 3 rows coil, P54 4 rows coil.

(*) Voltage 208-1ph~60Hz

WATER HEATED 240V-1ph~60Hz

Model	Airflow m3/h	P86 (80/60°C)		P64 (60/40°C)		P54 (50/40°C)		Ventilation power (*) kW	Ventilation current (*) A	Noise level (5 m) dB(A)	Weight kg
		Water heating capacity kW	Water pressure drop Pa	Water heating capacity kW	Water pressure drop Pa	Water heating capacity kW	Water pressure drop Pa				
		ZEN G 1000 P	2250	11,04	1230	9,92	6190				
ZEN G 1500 P	3000	16,02	940	14,74	8020	15,60	5680	0,669	2,44	58	57
ZEN G 2000 P	4500	24,92	2700	21,23	6820	22,06	3030	1,004	3,67	59	78
ZEN G 2500 P	5250	31,17	4640	25,35	5070	27,40	5450	1,172	4,28	60	95
ZEN ECG 1000 P	2625	11,89	1400	11,27	7110	11,50	2090	0,381	2,94	61	40
ZEN ECG 1500 P	3500	17,29	1070	16,77	9240	17,86	6620	0,508	3,92	62	57
ZEN ECG 2000 P	5250	26,86	3080	24,14	7850	25,24	3530	0,762	5,88	63	78
ZEN ECG 2500 P	6125	33,63	5650	28,84	5840	31,38	6360	0,889	6,86	64	95

Water heated: connection pipes P86 and P64 are 2x3/4" female (male if lateral pipes), P54 2x1" male.

P86 2 rows coil, P64 3 rows coil, P54 4 rows coil.

(*) Voltage 240-1ph~60Hz

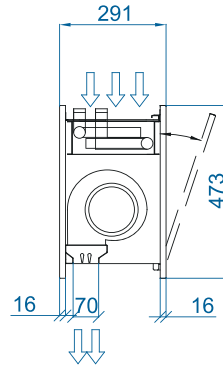
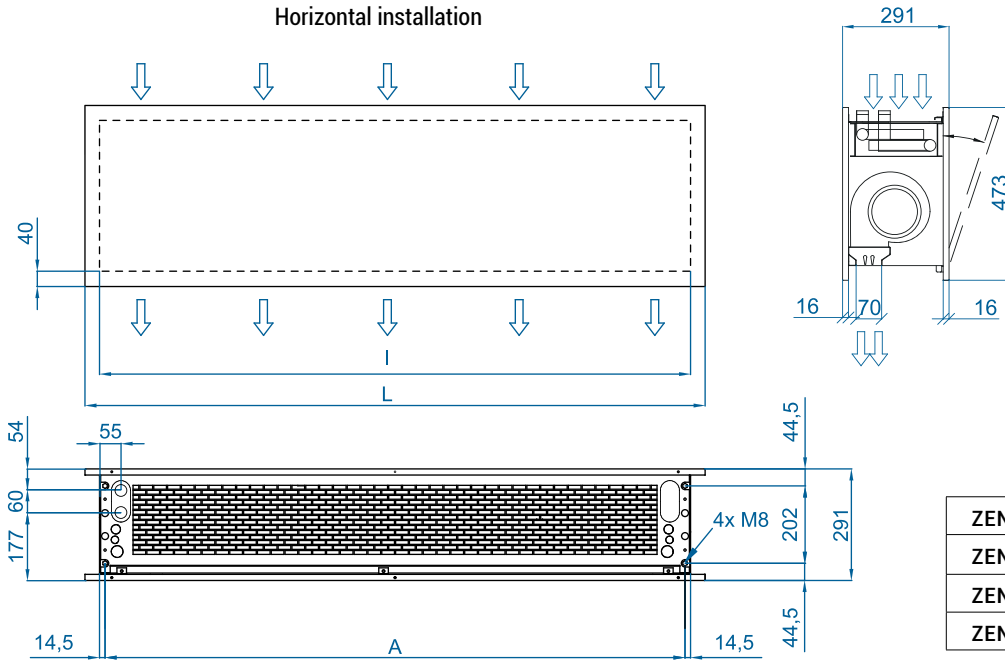


Selection program



Dimensions

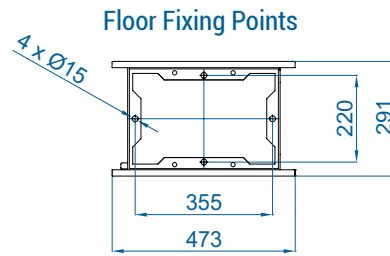
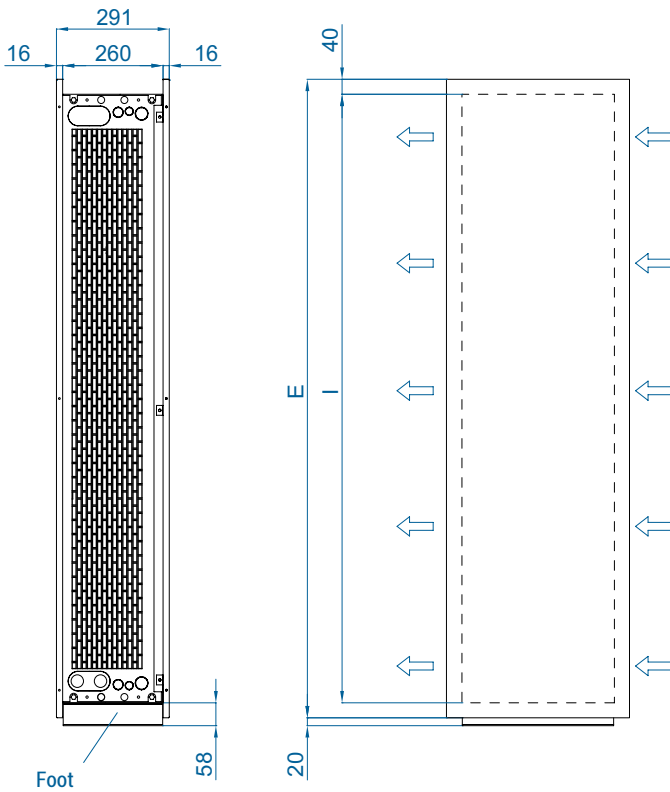
Horizontal installation



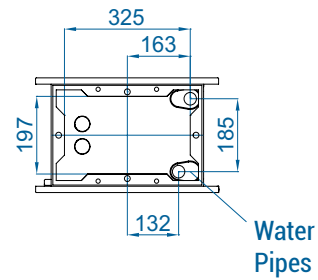
	L	I	A
ZEN 1000	1220	1140	1115
ZEN 1500	1620	1544	1515
ZEN 2000	2120	2044	2015
ZEN 2500	2620	2544	2515

Customizable dimensions on request.

Vertical installation



Space available for connections



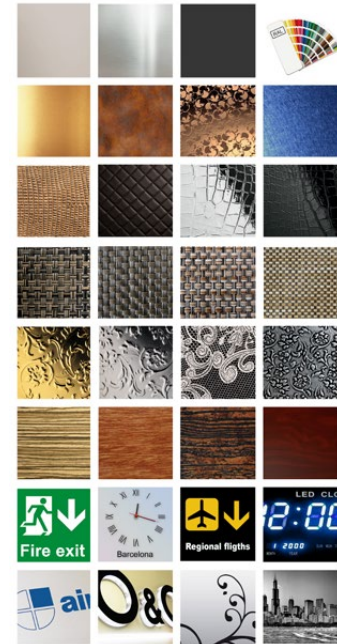
CAD drawings, installation manuals
and other documentation





Finishes

The front panel is designed to include graphics, logos, illuminated signs, signage, clocks or any other decorative element desired by the customer. Available in any colour from the RAL chart or in stainless steel.



standard /
painted

decorative
metals

crocco /
leather

screen

vintage /
floral

wood

signage

logos /
images



WATCH VIDEO

Optional accessories

Supports and installation



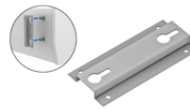
Wall rail support
SPWR



Silentblock supports
SPANG-SIL / SLB



Suspension cables
SPCT



Omega wall support
SPT4



Wall angle support
Zen MG



Kit junction
SPJ-ZEN
middle and top



Support 180° Zen
straight arm



Foot support
SPF-ZEN
(Galv. / SS)

Control



IR Control
✓ Included



Basic Control
✓ Included



RJ45 Cable
✓ Included



Hand-Auto
CH-5HW-NE



Interface kit
IN-NE-II

Sensors



Magnetic door contact
MAG-DC
✓ Included



Mechanical door contact
MEG-DC